

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-32 (Canceled)

33) (Currently Amended) An aqueous or aqueous-alcoholic crease-resistant formulation comprising at least one cationic surfactant (CSA), for the treatment after washing in aqueous or aqueous-alcoholic medium of articles made of textile fibers, at least one copolymer of controlled architecture (C) that is soluble or dispersible in aqueous or aqueous-alcoholic medium, compatible with the surfactant (CSA) at the pH of said formulation and at the pH of use of said formulation, and comprising:

at least one hydrophobic organic polymer block B, which is essentially nonionic,
and

at least one ionic or ionizable organic polymer block A,

~~the set wherein a weight ratio of blocks B/set of blocks A having a weight ratio~~

~~ranging ranges~~ from 0.01 to 1,

said copolymer of controlled architecture (C) being present in the formulation in an amount that can give said articles properties of crease resistance and/or ease of ironing.

34) (Previously Presented) The formulation as claimed in claim 33), wherein the copolymer (C) is a block copolymer, a branched copolymer or a star copolymer.

35) (Previously Presented) The formulation as claimed in claim 34), wherein the copolymer (C) is a block copolymer comprising two or three blocks.

36) (Previously Presented) The formulation as claimed in claim 35), wherein the copolymer (C) is a diblock copolymer.

~~36~~ 37) (Currently Amended) The formulation as claimed in claim 33), wherein the blocks A and B are ~~derived from~~ residues of ethylenically unsaturated monomers.

~~37~~ 38) (Currently Amended) The formulation as claimed in claim 33), wherein the block B is ~~derived from a residue of~~ at least one hydrophobic nonionic monomer, and optionally from of at least one hydrophilic nonionic monomer and/or optionally ~~from of~~ at least one ionic monomer, the amount of optional monomer(s) optionally not exceeding 10 mol% of all the monomers.

~~38~~ 39) (Currently Amended) The formulation as claimed in claim 33), wherein the block B has an average molecular mass of from 500 to 100 000, ~~optionally from 500 to 25 000~~ g/mol.

~~39~~ 40) (Currently Amended) The formulation as claimed in claim 33), wherein the polymer constituting the block A is:

- a) A polymer ~~derived from~~ comprising a residue of at least one hydrophilic monomer that ~~is potentially~~ is capable of becoming cationic at the pH of the formulation or at the pH of use of the formulation and/or at least one cationic hydrophilic monomer, and optionally of at least one nonionic monomer; or
- b) A polymer ~~derived from~~ comprising a residue of at least one zwitterionic hydrophilic monomer and optionally ~~from of~~ at least one nonionic monomer.

~~40~~ 41) (Currently Amended) The formulation as claimed in claim ~~39~~ 40), wherein the block A further ~~contains~~ comprises at least one anionic ~~or potentially anionic unit or~~

unit that is capable of becoming anionic derived from at least one anionic monomer or ~~potentially anionic monomer~~ that is capable of becoming anionic.

41 ~~42~~ (Currently Amended) The formulation as claimed in claim ~~39~~ 40), wherein the block A has an average molecular mass of from 500 to 100 000, ~~optionally from 500 to 25 000~~ g/mol.

42 ~~43~~ (Currently Amended) The formulation as claimed in claim 33), wherein the hydrophobic block B is nonionic and ~~in that~~ wherein the ionic or ionizable block A has an overall charge that is zero or not opposite that of the cationic surfactant (CSA) at the pH of the formulation or at the pH of use of the formulation.

43 ~~44~~ (Currently Amended) The formulation as claimed in claim 33), wherein the copolymer (C) has a number-average molecular mass of from 1000 to 200 000, ~~optionally from 3000 to 30 000~~.

44 ~~45~~ (Currently Amended) The formulation as claimed in claim 33), wherein the copolymer (C) is a diblock copolymer
polybutyl acrylate – optionally quaternized poly(2-dimethylaminoethyl acrylate); or
polybutyl acrylate – poly(acrylic acid-stat-quaternized 2-dimethylaminoethyl acrylate).

45 ~~46~~ (Currently Amended) The formulation as claimed in claim 33), ~~wherein said cationic surfactant (CSA) is either a cationic surfactant or~~ comprising a mixture of cationic surfactants, ~~and also~~ or a mixture of at least one cationic surfactant optionally having softening properties and of at least one nonionic surfactant.

~~46~~ 47) (Currently Amended) The formulation as claimed in claim ~~45~~ 46), wherein the ~~optional~~ nonionic surfactant represents up to 70% of the weight of the cationic surfactant (CSA).

~~47~~ 48) (Currently Amended) The formulation as claimed in claim 33), wherein said cationic surfactant (CSA) represents from 1% to 60% of the weight of the formulation.

~~48~~ 49) (Currently Amended) The formulation as claimed in claim 33), wherein ~~the a~~ copolymer of controlled architecture (C)/mass of surfactant (CSA) ratio represents a mass ratio ranging from 0.0001 to 10 ~~optionally from 0.001 to 2~~.

~~49~~ 50) (Currently Amended) The formulation as claimed in claim 33), having a pH of from 2.5 to 11.

~~50~~ 51) (Currently Amended) The formulation as claimed in claim 33), having a dry extract of from 10% to 50% and ~~intended~~ adapted for the post-washing rinsing of articles made of textile fibers.

~~51~~ 52) (Currently Amended) The ~~rinsing~~ formulation as claimed in claim ~~50~~ 51), having a pH of from 2.5 to 11.

~~52~~ 53) (Currently Amended) The ~~rinsing~~ formulation as claimed in claim ~~50~~ 51), having a mass ratio of copolymer of controlled architecture (C)/mass of surfactant (CSA) ranging from 0.0001 to 1, ~~optionally from 0.0001 to 0.1~~.

~~53~~ 54) (Currently Amended) The formulation as claimed in claim 33), ~~intended~~ adapted for the ironing of articles made of textile fibers.

~~54~~ 55) (Currently Amended) The ~~ironing~~ formulation as claimed in claim ~~55~~ 54), having a dry extract of from 0.5% to 2%.

~~55~~ 56) (Currently Amended) The ~~ironing~~ formulation as claimed in claim ~~54~~ 55),
having a pH of from 5 to 9.

~~56~~ 57) (Currently Amended) The ~~ironing~~ formulation as claimed in claim 55), having
a mass ratio of copolymer of controlled architecture (C)/mass of surfactant (CSA)
ranging from 0.0001 to 2.

58) (New) The formulation as claimed in claim 38, wherein the total amount of
hydrophilic nonionic monomer and ionic monomer does not exceed 10 mol% of all the
monomers.

59) (New) The formulation as claimed in claim 39, wherein the average molecular
mass of block B ranges from 500 to 25 000 g/mol.

60) (New) The formulation as claimed in claim 42, wherein the average molecular
mass of block A ranges from 500 to 25 000 g/mol.

61) (New) The formulation as claimed in claim 44, wherein the copolymer (C) has
a number-average molecular mass ranges from 3000 to 30 000.

62) (New) The formulation as claimed in claim 49, wherein the mass ratio of
copolymer of controlled architecture (C)/mass of surfactant (CSA) ranges from 0.001
to 2.

63) (New) The formulation as claimed in claim 53, wherein the mass ratio of
copolymer of controlled architecture (C)/mass of surfactant (CSA) ranges from 0.0001
to 0.1.